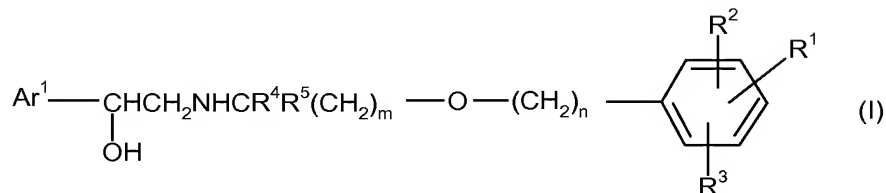


Please enter the following claim amendments:

1. (Previously Presented) A compound of formula (I)



or a salt, solvate, or physiologically functional derivative thereof, wherein:

m is an integer of from 2 to 8;

n is an integer of from 3 to 11;

with the proviso that m + n is 5 to 19;

R<sup>1</sup> is -XNR<sup>6</sup>C(O)NR<sup>7</sup>R<sup>8</sup>; wherein

X is selected from -(CH<sub>2</sub>)<sub>p</sub>- and C<sub>2-6</sub>alkenylene;

R<sup>6</sup> and R<sup>8</sup> are independently selected from hydrogen, C<sub>1-6</sub>alkyl and C<sub>3-7</sub> cycloalkyl; wherein said C<sub>1-6</sub>alkyl and C<sub>3-7</sub> cycloalkyl moieties may optionally be substituted by -CO<sub>2</sub>H or -CO<sub>2</sub>(C<sub>1-4</sub>)alkyl;

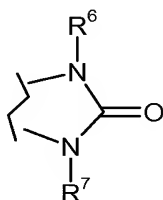
R<sup>7</sup> is selected from hydrogen, C<sub>1-6</sub>alkyl, C<sub>3-7</sub>cycloalkyl, -C(O)R<sup>9</sup>, phenyl, naphthyl, hetaryl, and phenyl(C<sub>1-4</sub>alkyl)- and R<sup>7</sup> is optionally substituted by 1 or 2 groups independently selected from halo, hydroxy, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>haloalkyl, C<sub>1-6</sub>alkoxy, -NHC(O)(C<sub>1-6</sub>alkyl), -SO<sub>2</sub>(C<sub>1-6</sub>alkyl), -SO<sub>2</sub>(phenyl), -CO<sub>2</sub>H, and -CO<sub>2</sub>(C<sub>1-4</sub>alkyl) and CONR<sup>10</sup>R<sup>11</sup>;

$R^9$  is selected from  $C_{1-6}$ alkyl,  $C_{3-7}$ cycloalkyl,  $-CO_2H$ ,  $CO_2(C_{1-4}alkyl)$ , phenyl, naphthyl, hetaryl, and phenyl( $C_{1-4}alkyl$ )- and  $R^9$  is optionally substituted by 1 or 2 groups independently selected from halo,  $C_{1-6}$ alkyl,  $C_{1-6}$ haloalkyl,  $C_{1-6}$ alkoxy,  $-NHC(O)(C_{1-6}alkyl)$ ,  $-SO_2(C_{1-6}alkyl)$ ,  $-SO_2(phenyl)$ ,  $-CO_2H$ , and  $-CO_2(C_{1-4}alkyl)$ ;

$R^{10}$  and  $R^{11}$  each independently represent hydrogen,  $C_{1-4}alkyl$  or  $C_{3-7}$  cycloalkyl, and

p is an integer from 0 to 6;

or  $R^1$  is cyclised such that  $R^8$  forms a bond with the phenyl ring to which  $R^1$  is attached, via the ring carbon atom adjacent to  $R^1$ , so as to form a moiety of the formula:



$R^2$  is selected from hydrogen,  $C_{1-6}$ alkyl,  $C_{1-6}$ alkoxy, phenyl, halo, and  $C_{1-6}$ haloalkyl;

$R^3$  is selected from hydrogen, hydroxy,  $C_{1-6}$ alkyl, halo,  $C_{1-6}$ alkoxy, phenyl,  $C_{1-6}$ haloalkyl, and  $-SO_2NR^{12}R^{13}$ ;

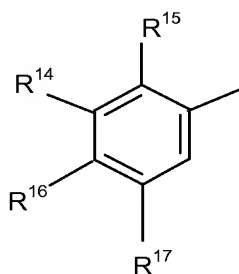
wherein  $R^{12}$  and  $R^{13}$  are independently selected from hydrogen,  $C_{1-6}$ alkyl,  $C_{3-6}$ cycloalkyl, phenyl, and phenyl ( $C_{1-4}alkyl$ ), or  $R^{12}$  and  $R^{13}$ , together with the nitrogen to which they are bonded, form a 5-, 6-, or 7- membered nitrogen containing ring;

and  $R^{12}$  and  $R^{13}$  are each optionally substituted by one or two groups selected from halo,  $C_{1-6}$ alkyl, and  $C_{1-6}$ haloalkyl;

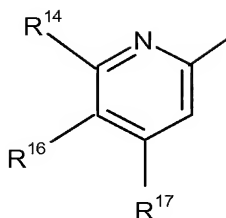
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$R^4$  and  $R^5$  are independently selected from hydrogen and  $C_{1-4}$ alkyl with the proviso that the total number of carbon atoms in  $R^4$  and  $R^5$  is not more than 4;

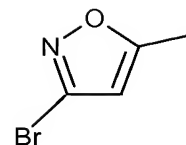
and Ar<sup>1</sup> is a group selected from



(a)

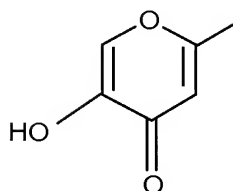


(b)



(c)

and



(d)

wherein R<sup>14</sup> represents hydrogen, halogen, -(CH<sub>2</sub>)<sub>q</sub>OR<sup>18</sup>, -NR<sup>18</sup>C(O)R<sup>19</sup>, -NR<sup>18</sup>SO<sub>2</sub>R<sup>19</sup>, -SO<sub>2</sub>NR<sup>18</sup>R<sup>19</sup>, -NR<sup>18</sup>R<sup>19</sup>, -OC(O)R<sup>20</sup> or OC(O)NR<sup>18</sup>R<sup>19</sup>, and R<sup>15</sup> represents hydrogen, halogen or C<sub>1-4</sub> alkyl;

or R<sup>14</sup> represents -NHR<sup>21</sup> and R<sup>15</sup> and -NHR<sup>21</sup> together form a 5- or 6-membered heterocyclic ring;

R<sup>16</sup> represents hydrogen, halogen, -OR<sup>18</sup> or -NR<sup>18</sup>R<sup>19</sup>;

R<sup>17</sup> represents hydrogen, halogen, haloC<sub>1-4</sub> alkyl, -OR<sup>18</sup>, -NR<sup>18</sup>R<sup>19</sup>, -OC(O)R<sup>20</sup> or OC(O)NR<sup>18</sup>R<sup>19</sup>;

$R^{18}$  and  $R^{19}$  each independently represents hydrogen or  $C_{1-4}$  alkyl, or in the groups

$-NR^{18}R^{19}$ ,  $-SO_2NR^{18}R^{19}$  and  $-OC(O)NR^{18}R^{19}$ ,  $R^{18}$  and  $R^{19}$  independently represent hydrogen or  $C_{1-4}$  alkyl or together with the nitrogen atom to which they are attached form a 5-, 6- or 7- membered nitrogen-containing ring,

$R^{20}$  represents an aryl group which may be unsubstituted or substituted by one or more substituents selected from halogen,  $C_{1-4}$  alkyl, hydroxy,  $C_{1-4}$  alkoxy or halo  $C_{1-4}$  alkyl; and

q is zero or an integer from 1 to 4;

provided that in the group (a) when  $R^{14}$  represents  $-(CH_2)_qOR^{18}$  and q is 1,  $R^{16}$  is not OH.

2. (Previously Presented) A compound of formula (I) as defined in claim 1 wherein  $R^6$  and  $R^8$  are independently selected from hydrogen,  $C_{1-6}$ alkyl and  $C_{3-7}$  cycloalkyl;

$R^7$  is selected from hydrogen,  $C_{1-6}$ alkyl,  $C_{3-7}$ cycloalkyl,  $-C(O)R^9$ , phenyl, naphthyl, hetaryl, and phenyl( $C_{1-4}$ alkyl)- and  $R^7$  is optionally substituted by 1 or 2 groups independently selected from halo, hydroxy,  $C_{1-6}$ alkyl,  $C_{1-6}$ haloalkyl,  $C_{1-6}$  alkoxy,  $-NHC(O)(C_{1-6}alkyl)$ ,  $-SO_2(C_{1-6}alkyl)$ ,  $-SO_2(phenyl)$ ,  $-CO_2H$ , and  $-CO_2(C_{1-4}alkyl)$ ;

$R^{14}$  is selected from the group consisting of halogen,  $-(CH_2)_qOR^{18}$ ,  $-NR^{18}C(O)R^{19}$ ,  $-NR^{18}SO_2R^{19}$ ,  $-SO_2NR^{18}R^{19}$ ,  $-NR^{18}R^{19}$ ,  $-OC(O)R^{20}$ ,  $-OC(O)NR^{18}R^{19}$ , alkyl,  $-NHR^{21}$ , and  $R^{15}$  and  $-NHR^{21}$  together form a 5- or 6-membered heterocyclic ring;

or a salt, solvate or physiologically functional derivative thereof.

3. (Previously Presented) A compound according to claim 1 wherein  $R^{14}$  represents hydrogen, halogen,  $-NR^{18}C(O)R^{19}$ ,  $-NR^{18}SO_2R^{19}$ ,  $-SO_2NR^{18}R^{19}$ ,

$-\text{NR}^{18}\text{R}^{19}$ ,  $-\text{OC}(\text{O})\text{R}^{20}$  or  $\text{OC}(\text{O})\text{NR}^{18}\text{R}^{19}$ ; and  $\text{R}^{16}$  represents hydrogen, halogen,  $-\text{OR}^{18}$  or  $-\text{NR}^{18}\text{R}^{19}$ .

4. (Previously Presented) A compound according to claim 1 wherein  $\text{R}^{14}$  represents hydrogen, halogen,  $-(\text{CH}_2)_q\text{OR}^{18}$ ,  $-\text{NR}^{18}\text{C}(\text{O})\text{R}^{19}$ ,  $-\text{NR}^{18}\text{SO}_2\text{R}^{19}$ ,  $-\text{SO}_2\text{NR}^{18}\text{R}^{19}$ ,  $-\text{NR}^{18}\text{R}^{19}$ ,  $-\text{OC}(\text{O})\text{R}^{20}$  or  $\text{OC}(\text{O})\text{NR}^{18}\text{R}^{19}$ ; and  $\text{R}^{16}$  represents hydrogen, halogen, or  $-\text{NR}^{18}\text{R}^{19}$ .

5. (Previously Presented) A compound of formula (I) according to claim 1 wherein  $\text{R}^1$  represents  $-(\text{CH}_2)_p\text{NHC}(\text{O})\text{NHR}^7$ .

6. (Previously Presented) A compound according to claim 1 wherein  $p$  is 0, 1 or 2.

7. (Previously Presented) A compound which is selected from:

*N*-[3-(4-{[6-({(2*R*)-2-[3-(Formylamino)-4-hydroxyphenyl]-2-hydroxyethyl)amino)hexyl]oxy}butyl)phenyl]urea;

*N*-[3-(4-{[6-({(2*R*)-2-[3-(Formylamino)-4-hydroxyphenyl]-2-hydroxyethyl)amino)hexyl]oxy}butyl)phenyl]-*N'*-phenylurea;

*N*-[3-(4-{[6-({(2*R*)-2-[3-(Formylamino)-4-hydroxyphenyl]-2-hydroxyethyl)amino)hexyl]oxy}butyl)phenyl]-*N'*-pyridin-3-ylurea;

*N*-[3-(4-{[6-({2-hydroxy-2-[5-hydroxy-6-(hydroxymethyl)pyridin-2-yl]ethyl)amino)hexyl]oxy}butyl)-5-methylphenyl]urea.

and salts, solvates, and physiologically functional derivatives thereof.

8. (Previously Presented) A method for the prophylaxis or treatment of a clinical condition in a mammal for which a selective  $\beta_2$ -adrenoreceptor agonist is indicated, which comprises administering a therapeutically effective amount of a compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt, solvate, or physiologically functional derivative thereof.

9. (Canceled)

10. (Previously Presented) A pharmaceutical formulation comprising a compound of formula (I) according to claim 1 or a pharmaceutically acceptable salt, solvate, or physiologically functional derivative thereof, and a pharmaceutically acceptable carrier or excipient, and optionally one or more other therapeutic ingredients.

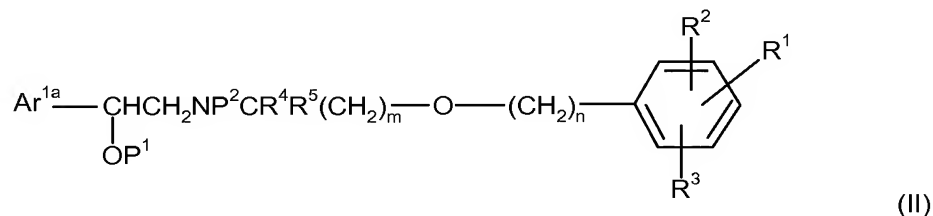
11. (Previously Presented) A combination comprising a compound of formula (I) according to claim 1 or a pharmaceutically acceptable salt, solvate, or physiologically functional derivative thereof, and one or more other therapeutic ingredients.

12. (Original) A combination according to claim 11 wherein the other therapeutic ingredient is a corticosteroid, an anticholinergic or a PDE4 inhibitor.

13. (Canceled)

14. (Previously Presented) A process for the preparation of a compound of formula (I) according to claim 1, or a salt, solvate, or physiologically functional derivative thereof, which comprises:

deprotecting a protected intermediate of formula (II):



or a salt or solvate thereof, wherein  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$ ,  $m$ , and  $n$  are as defined for the compound of formula (I),  $\text{Ar}^{1a}$  represents an optionally protected form of  $\text{Ar}^1$ ; and  $\text{P}^1$  and  $\text{P}^2$  are each independently either hydrogen or a protecting

group, provided that the compound of formula (II) contains at least one protecting group;

optionally followed by one or more of the following steps in any order selected from the group consisting of:

- (i) removing any protecting groups;
- (ii) separating an enantiomer from a mixture of enantiomers; and
- (iii) converting the product to a corresponding salt, solvate, or physiologically functional derivative thereof.

15. (Previously Presented) A compound of formula (I) according to claim 1, wherein n ranges from 3 to 7.

16. (Previously Presented) A compound of formula (I) according to claim 1, wherein m + n ranges from 5 to 12.

17. (Previously Presented) A compound of formula (I) according to claim 1, wherein p ranges from 0 to 6.

18. (Previously Presented) A compound of formula (I) according to claim 1, wherein R<sup>20</sup> represents a phenyl group.

19. (Previously Presented) A compound of formula (I) according to claim 1, wherein R<sup>20</sup> is a naphthyl group.

20. (Previously Presented) A method according to claim 8, wherein the mammal is a human.

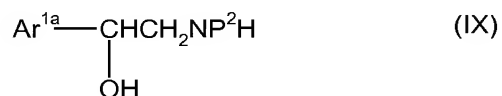
21. (Currently Amended) A method according to claim 20 &, wherein the clinical condition is asthma.

22. (Currently Amended) A method according to claim 20 &, wherein the clinical condition is COPD.



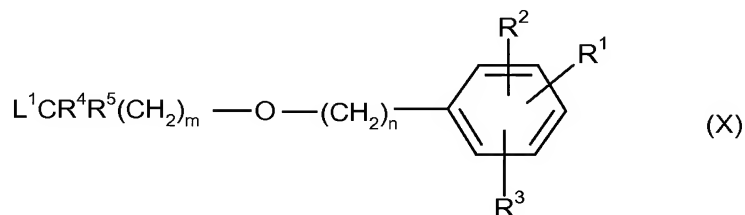
23. (Previously Presented) A process for the preparation of a compound of formula (I) according to claim 1, or a salt, solvate, or physiologically functional derivative thereof, which comprises:

alkylating an amine of formula (IX)



wherein  $\text{Ar}^{1a}$  is an optionally protected form of  $\text{Ar}^1$  and  $\text{P}^2$  is either hydrogen or a protecting group,

with a compound of formula (X):



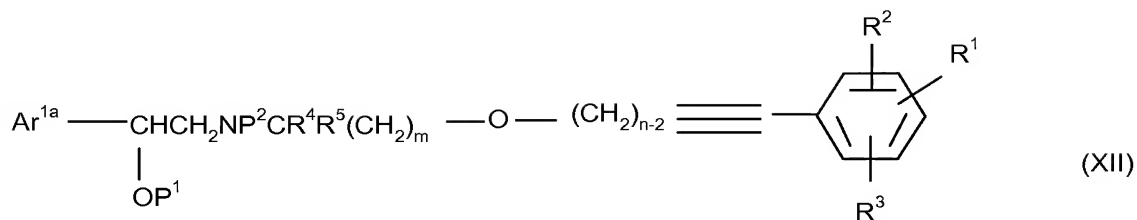
wherein  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$ ,  $m$ , and  $n$  are as defined for the compound of formula (I) and  $\text{L}^1$  is a leaving group;

optionally followed by one or more of the following steps in any order selected from the group consisting of:

- (i) removing any protecting groups;
- (ii) separating an enantiomer from a mixture of enantiomers; and
- (iii) converting the product to a corresponding salt, solvate, or physiologically functional derivative thereof.

25. (Previously Presented) A process for the preparation of a compound of formula (I) according to claim 1, or a salt, solvate, or physiologically functional derivative thereof, which comprises:

reducing a compound of formula (XII):



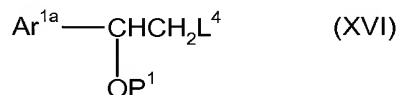
wherein  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$ ,  $m$  and  $n$  are as defined for formula (I),  $\text{Ar}^{1a}$  is an optionally protected form of  $\text{Ar}^1$ , and  $\text{P}^1$  and  $\text{P}^2$  are each independently hydrogen or a protecting group;

optionally followed by one or more of the following steps in any order selected from the group consisting of:

- (i) removing any protecting groups;
- (ii) separating an enantiomer from a mixture of enantiomers; and
- (iii) converting the product to a corresponding salt, solvate, or physiologically functional derivative thereof.

26. (Previously Presented) A process for the preparation of a compound of formula (I) according to claim 1, or a salt, solvate, or physiologically functional derivative thereof, which comprises:

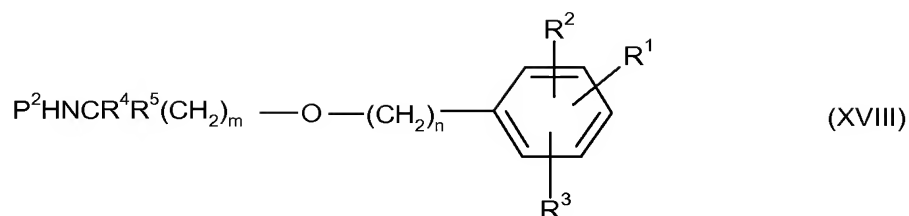
reacting a compound of formula (XVI):



wherein  $\text{Ar}^{1a}$  is an optionally protected form of  $\text{Ar}^1$ , and  $\text{P}^1$  is hydrogen or a protecting group, and  $\text{L}^4$  is a leaving group or a compound of formula (XVII):



wherein  $\text{Ar}^{1a}$  is as hereinbefore defined with an amine of formula (XVIII):



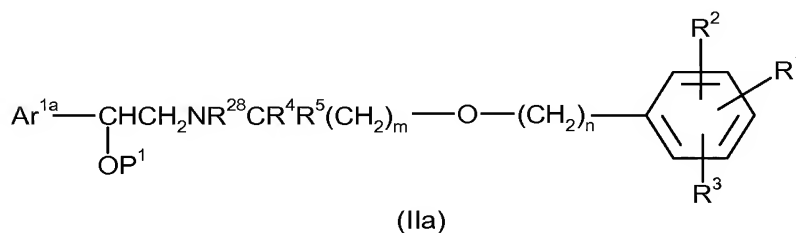
wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $m$  and  $n$  are as defined for formula (I) and  $P^2$  is hydrogen or a protecting group; or

optionally followed by one or more of the following steps in any order selected from the group consisting of:

- (i) removing any protecting groups;
- (ii) separating an enantiomer from a mixture of enantiomers; and
- (iii) converting the product to a corresponding salt, solvate, or physiologically functional derivative thereof.

27. (Previously Presented) A process for the preparation of a compound of formula (I) according to claim 1, or a salt, solvate, or physiologically functional derivative thereof, which comprises:

removal of a chiral auxiliary from a compound of formula (IIa):



wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $m$  and  $n$  are as defined for formula (I),  $Ar^{1a}$  and  $P^1$  each independently represent hydrogen or a protecting group and  $R^{28}$  represents a chiral auxiliary

optionally followed by one or more of the following steps in any order selected from the group consisting of:

- (i) removing any protecting groups;
- (ii) separating an enantiomer from a mixture of enantiomers; and
- (iii) converting the product to a corresponding salt, solvate, or physiologically functional derivative thereof.